

## DETAILED ACTION

### *Remarks*

1. In response to communications filed on 30 July 2009, claim 1 is amended.

Claim 1 is pending in the application.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Berkman et al. (US Patent 6,970,945) in view of Condon et al. (US Patent 5,956,714).

As to claim 1, Berkman et al. teaches:

(a) providing one or more chosen functions in a database system, the one or more functions provided by a messaging system that is external to the database system (see 6:45-51. The customer database module publishes messages to the MSMQ intelligent queue, which exists external to the database system, as seen in Figure 1A), further comprising:

(a1) adding the one or more functions as user-defined functions in the database system wherein the user-defined functions comprise

- one or more functions to: place a message on a queue of the messaging system (see 6:45-51), retrieve at least one message from the queue, non-destructively retrieve all messages from the queue, and read at least one message from the queue, the user-defined functions specifying a service endpoint, a destination, and a delivery policy (see 6:19-28 and 6:45-51), and
- (a2) providing the one or more functions from a publish and subscribe-based messaging system (see 6:33-36); and
- (b) wherein the messaging system is a separate application from the database system (see 6:45-51 and Figure 1A).

Berkman et al. does not each:

- (b) utilizing one or more chosen functions from the database system within structured query language statements to access the messaging system from the database system

Condon teaches:

- (b) utilizing one or more chosen functions from the database system within structured query language statements to access the messaging system from the database system (see 4:16-27. Functions from the application database on the queue will be executed within SQL statements).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified Berkman et al. by the teachings of Condon, because Condon et al. provides the benefit of a sleep

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mode, which allows the messaging queue of Berkman et al. to conserve resources when not needed (see 3:1-6).

### ***Response to Arguments***

4. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHARLES D. ADAMS whose telephone number is (571)272-3938. The examiner can normally be reached on 8:30 AM - 5:00 PM, M - F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272-4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/C. D. A./  
Examiner, Art Unit 2164

/Charles Rones/  
Supervisory Patent Examiner, Art Unit 2164